




Dr. Rafiq Zakaria College for Women

Navkhanda, Jublee Park, Aurangabad.



Criteria VII

7.1.2 Rain water Harvesting


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Water Conservation

Water is the Elixir of life. All living things do not survive without water. This element resource available is with fixed quantum. The availability of water is decreasing due to increasing population of nation, as per capita availability of utilizable water is going down. Due to ever rising standard of living people, Industrialization, urbanization, demand of fresh water is increasing day by day. The unabated discharge of Industrial effluent in the available water bodies is reducing the quality of these ample sources of water continuously. Hence, the national mission on water conservation was declared by the then Prime Minister Hon. Manmohan Singh in 2003 and appealed to all citizens to collectively address the problem of water shortage, by conserving every drop of water and suggested for conducting water audit for all sectors of water use. We do water plans for identifying ways of conserving water by determining any inefficiencies in the system of water distribution. The measurement of water losses due to different uses in the system or any utility is essential to implement water conservation measures in such an establishment. It is observed that a number of factors like climate, culture, food habits, work and working conditions, level and type of development, and physiology determine the requirement of water. Water usage can be defined as water used for all activities which are carried out on campus from different water sources. This includes usage in all residence room, academic buildings, on campus and on grounds. Wastewater is referred as the water which is transported off the campus. The wastewater includes sewerage, residence hall waters used in cooking, showering, clothes washing as well as waste water from chemical and biological


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laboratories which ultimately going down in sink or drainage system. We have implemented different water saving systems in campus; some of them are rain water harvesting, drip irrigation, taps instead of flush clean system, reuse of potable water to plants etc.





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Drip Irrigation system for saving water




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